



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

# *The Condor*

*A MAGAZINE OF WESTERN ORNITHOLOGY*

---

**Bi-Monthly Bulletin of the Cooper Ornithological Club  
of California**

---

**VOLUME IV  
1902**

---

**PUBLISHED BY THE CLUB  
SANTA CLARA, CALIFORNIA.**

# INDEX

- ACANTHIS** *hornemanni* *exilipes*, 142  
     *linaria*, 45, 137, 142  
**Accipiter** *atricapillus striatulus*, 81, 141  
     *velox*, 10, 39, 141  
**Acridotheres** *tristis*, 60  
**Actitis** *macularia*, 17  
**Æchmophorus** *occidentalis*, 10, 64  
**Ægialitis** *semipalmata*, 140  
     *vocifera*, 10  
**Aeronautes** *melanoleucus*, 95  
**Æstrelata** *phœpygia*, 50  
**Agelaius** *gubernator californicus*, 11, 46, 113  
**Aimophila** *ruficeps*, 107  
**Ammodramus** *sandwichensis*, 142  
     *alaudinus*, 11, 133, 136, 137, 142  
     *bryanti*, 133  
     *savannarum perpallidus*, 128  
**Ampelis** *cedrorum*, 131, 134  
**Amphispiza** *belli nevadensis*, 11  
**Anas** *boschas*, 10, 139  
     *strepera*, 46  
     *wywilliana*, 60  
**Anous** *hawaiiensis*, 61  
**Anthus** *pensilvanicus*, 11, 137, 144  
**Apelocoma** *californica*, 11, 13, 126  
**Aquila** *chrysaetos*, 127  
**Arctonetta** *fischeri*, 137, 139  
**Ardea** *egretta*, 10  
     *herodias*, 11  
**Arenaria** *interpres*, 61, 140  
**Asio** *accipitrinus*, 10, 61, 141  
**Astragalinus** *lawrencei*, 17  
     *psaltria*, 115  
     *arizonæ*, 115  
     *tristis salicamans*, 113, 133  
**Auriparus** *flaviceps*, 39, 88  
**Avocet**, American, 9, 10, 63  
**Aythya** *americana*, 10  
**BAILEY**, Mrs. F. M., the scissor-tailed fly-catcher in Texas, 30  
**Bailey**, H. F., nesting of the ruby-crowned kinglet, 81; nesting of the pine siskin in Santa Cruz Co., Cal., 94  
**Bailey**, V., unprotected breeding grounds, 62  
**Barlow**, C., some echoes from the Sierras 79  
     some observations on the rufous-crowned sparrow, 107; obituary notice of, 146  
**Beck**, R. H., the wingless cormorant of the Galapagos, 20; a letter from the Galapagos expedition, 50; letter from Galapagos, 99  
**Blackbird**, Brewer, 7, 9, 92, 133  
     California Bi-colored, 10, 46  
**Bluebird**, Mountain, 81, 92  
     Western, 39, 135  
**Bobolink**, 10  
**Bonasa** *umbellus sabinei*, 114, 132  
**Bowles**, C. W., notes on the black-throated gray warbler, 82  
**Bowles**, J. H., the Louisiana tanager, 16; the Audubon warbler in Washington, 118.  
**Brewster**, W., review of his "birds of the Cape Region of Lower California," 147  
**Bryan**, M., hummingbird experiences from my note book, 35; obituary notice of, 100  
**Bubo** *virginianus elachistus*, 147  
     *pacificus*, 127  
     *saturatus*, 132  
**Budytes** *flavus leucostriatus*, 143  
**Bunting**, Lark, 95  
     Lazuli, 134  
**Burnett**, W. L., the rose-breasted grosbeak in Colorado, 94  
**Bush-tit**, California, 66  
**Business Manager**, Annual Report of, 28  
**Buteo** *borealis calurus*, 10, 46, 113, 116, 132  
     *lineatus elegans*, 116  
     *swainsoni*, 10, 116  
**Buzzard**, Turkey, 132  
**CALAMOSPIZA** *melanocorys*, 95  
**Calcarius** *lapponicus alasensis*, 142  
**Calypte** *anna*, 35  
**Canachites** *canadensis*, 140  
**Carpenter**, N., vermilion flycatcher at Escondido, 94  
**Carpodacus** *mexicanus frontalis*, 11, 39, 60, 113, 116, 133  
     *purpureus californicus*, 113, 127, 133  
**Cathartes** *aura*, 11, 38, 113, 132.  
**Catherpes** *mexicanus conspersus*, 11, 128  
**Centrocerus** *urophasianus*, 10  
**Cephus** *columba*, 57, 137, 138  
**Certhia** *americana occidentalis*, 126  
     *familiaris occidentalis*, 114, 135  
**Ceryle** *alcyon*, 10, 132  
**Chætura** *vauxi*, 95, 114, 132  
**Chamæa** *fasciata henshawi*, 95  
     *intermedia*, 126  
     *phæa*, 113, 135  
**Chamberlin**, C., incubation advanced, 77  
**Chambers**, W. L., the passing of the great blue heron at Santa Monica, 47

- Chapman, F. M., review of his "list of birds collected in Alaska by the Andrew J. Stone expedition of 1901," 148
- Charadrius dominicus fulvus*, 61, 140
- Chelidon erythrogaster*, 148
- Chickadee, Chestnut-backed, 135  
Mountain, 5, 7, 10  
Santa Cruz, 127
- Chlorodrepanis virens*, 62  
wilsoni, 62
- Chordeiles virginianus*, 113, 132  
henryi, 10
- Circus hudsonius*, 10
- Cistothorus palustris paludicola*, 135
- Clangula hiemalis*, 46
- Clark, H. L., communication—pterylography of hummingbirds, 75
- Coccyzus ferrugineus*, 148
- Cocornis agassizi*, 148
- Colaptes cafer collaris*, 10, 13, 39, 116, 132  
saturation, 132
- Columba fasciata*, 114, 132
- Colymbus auritus*, 10, 47  
holboellii, 129, 130, 131  
nigricollis californicus, 11, 47
- Communications, 47, 75, 122, 146
- Contopus borealis*, 114, 127, 133  
richardsoni, 11, 133
- Cooper, J. G.—in memoriam, 101; ornithological writings of, 103; letter from Coues to, 106
- Coot, American, 63
- Cormorant, Baird, 56  
Brandt, 55  
Double-crested, 56  
Wingless, 20
- Correspondence, 50, 99
- Corvus americanus*, 113, 133  
corax principalis, 136, 137, 141  
sinuatus, 38, 133  
stelleri, 41
- Coues, E., letter from, 106
- Cowbird, 39
- Creeper, California, 19, 126, 135
- Cross-bill, 53
- Crow, American, 133  
Clarke, 3, 5, 7, 14
- Curlew, Long-billed, 31
- Cyanocephalus cyanocephalus*, 11, 14
- Cyanocitta stelleri annectens*, 41, 42, 43, 44, borealis, 148  
carbonacea, 41, 42, 43, 44, 114, 127, 133  
carlottæ, 41, 42, 43  
diademata, 44  
frontalis, 41, 42, 43, 44  
stelleri, 42, 43, 44
- Cyanospiza amœna*, 113, 134
- DAGGETT, F. S., winter observations on the Colorado desert, 37
- Dendroica æstiva*, 11, 113, 134  
rubiginosa, 137, 143  
sonorana, 148  
auduboni, 11, 118  
aureola, 148  
coronata, 118  
nigrescens, 82  
striata, 143  
townsendi, 148
- Dille, F. M., western blue grosbeak in northern Colorado, 94
- Diomedea chinensis*, 60
- Dixon, J. B., early nesting of the western red-tail, 46
- Dolichonyx oryzivorus*, 11
- Dove, Chinese, 60  
Mourning, 5, 7, 38, 132
- Dryobates pubescens gairdneri*, 66, 68, 69, 70, 132  
homorus, 68, 69  
leucurus, 69, 70  
turati, 68, 69, 70  
villosus harrisi, 114, 132  
hyloscopus, 10
- Duck, Hawaiian, 60  
Ruddy, 64
- Dutcher, W., communication in regard to bird protection, 122
- EAGLE, Golden, 127
- Editorial, 26, 50, 74, 98, 122, 146
- Eider, Pacific, 139
- Emerson, W. O., a partial albino, 46; in memoriam: Dr. J. G. Cooper, 101
- Empidonax difficilis*, 113, 133  
hammondi, 11  
trailli, 148  
wrighti, 11
- Ereunetes pusillus*, 140
- Eugenus fulgens*, 45
- FALCON, Prairie, 7, 57
- Falco mexicanus*, 10, 57  
peregrinus anatum, 10, 132, 141  
rusticolus gyrfalco, 141  
sparverius, 113, 132  
deserticolus, 10
- Finch, California Purple, 127, 133  
House, 39, 59, 60, 133
- Finley, W. L., among the sea-birds of the Oregon coast, 53
- Fisher, W. K., a trip to Mono Lake, ornithological and otherwise, 3; the Oregon song sparrow, 36; status of *Cyanocitta stelleri car-*

- bonacea Grinnell, 41; a correction, 47; the  
 downy woodpeckers of California, 68; the  
 redwood belt of northwestern California,  
 part I, 111; part II, 131  
 Flamingo, 99  
 Flicker, Red-shafted, 13, 39, 92, 132  
 Flycatcher, Hammond, 5, 7  
     Olive-sided, 127, 133  
     Scissor-tailed, 30  
     Vermilion, 94  
     Western, 133  
     Wright, 10  
 Fox Sparrow, Monterey, 44  
 Fratercula corniculata, 136, 137  
 Frigate Bird, 51, 99  
 Fringilla meruloides, 45  
 Fulica alai, 61  
  
 GADWALL, 46  
 Gallinago delicata, 140  
 Gallinula galeata sandvicensis, 61  
 Gallinule, 61  
 Gavia imber, 19  
     lumme, 137  
 Geococcyx californianus, 126  
 Geospiza fuliginosa, 99  
     minor, 20  
 Geothlypis tolmiei, 11  
     trichas arizela, 134  
 Gilman, M. F., the crissal thrasher in Califor-  
 nia, 15; nesting of the little flammulated  
 screech owl on San Gorgonio Peak, 85; notes  
 on the verdin, 88  
 Glaucidium gnoma californicum, 18, 127  
 Goldfinch, Arizona, 94, 115  
     Lawrence, 17  
     Willow, 133  
 Gnatcatcher, Black-tailed, 86  
     Western, 39  
 Goshawk, Western, 81  
 Grebe, American Eared, 9, 64  
     Holboell, 128  
     Horned, 9  
     Pied-billed, 9, 64  
     Western, 9, 63  
 Grinnell, E. and J., notice of their "birds of  
 song and story," 75  
 Grinnell, J., correction of errors in identifica-  
 tion, 17; common loon at Palo Alto, Cal., 19;  
 Ridgway's "birds of north and middle Amer-  
 ica," 22; the Monterey fox sparrow, 44; the  
 western barn swallow, 71; the southern  
 white-headed woodpecker, 89; review of his  
 "check-list of California birds," 96; the or-  
 nithological writings of Dr. J. G. Cooper,  
 103; status of the "Arizona goldfinch" in  
 California, 115; birds of the Little Sur River,  
 Monterey County, 125  
 Grosbeak, Black-headed, 119, 134  
     Rose-breasted, 94  
     Western Blue, 94  
     Western Evening, 53  
 Grouse, Columbian Sharp-tailed, 32  
     Oregon Ruffed, 132  
     Sage, 7  
 Grus canadensis, 140  
 Guillemot, Pigeon, 57  
 Guiraca cærulea lazula, 94  
 Gull, California, 8  
     Sabine, 10  
     Western, 56  
 Gygis alba kittlitzii, 148  
     candida, 148  
 Gyrfalcon, 141  
  
 HALIÆTUS leucocephalus, 141  
 Hanna, W. C., large set of cactus wren, 94  
 Harporhynchus crissalis, 15  
     lecontei, 16  
 Hawk, Duck, 10, 132  
     Marsh, 5, 6  
     Sharp-shinned, 7, 39, 141  
     Sparrow, 116, 132  
     Swainson, 7, 116  
 Head, Miss A., odd gyrations of humming-  
 birds, 94; nightingales in California, a query,  
 94; a study of the black-headed grosbeak,  
 119  
 Heleodytes brunneicapillus, 39, 94  
 Heller, E., an extension of the southern range  
 of Perisoreus obscurus, 46  
 Heller (Snodgrass and), notice of their paper  
 on the birds of Clipperton and Cocos Islands,  
 148  
 Helminthophila celata lutescens, 113, 127, 134  
     rubricapilla gutturalis, 11  
 Heron, Black-crowned Night, 10, 61  
     Great Blue, 47  
 Heteractitis incanus, 61  
 Hirundo erythrogastra, 11, 134  
     palmeri, 71, 137, 143  
     tytleri, 71  
 Holstein, O., birds destroyed by pools of petrol-  
 eum along railroads, 46  
 Howard, O. W., nesting of the prairie falcon, 57  
 Hummingbird, Allen, 132  
     Anna, 35  
     Black-chinned, 39  
 Hylocichla aliciae, 137, 144  
     aonalaschkæ, 17  
     guttata sequoiensis, 81  
     slevini, 126  
     ustulata, 81, 135

- ICTERUS bullocki, 116  
 Ixoreus naevius, 114, 135  
     meruloides, 144  
 JAY, Alaskan, 141  
     Blue-fronted, 91  
     California, 5, 7, 13, 83  
     Coast, 127, 133  
     Oregon, 53, 133  
     Pinyon, 6, 7, 14  
     Woodhouse, 58  
 Johnson, A. W., California pygmy owl in Lake Co., Cal., 18  
 Johnson, H. C., the pinyon jay, 14; an unusual set of eggs of Clarke nutcracker, 87  
 Junco hyemalis, 143  
     thurberi, 38  
     pinosus, 127  
 Junco, Point Pinos, 127  
     Sierra, 38  
 KELSEY, F. W., the least tern at San Diego, 144  
 Killdeer, 9, 10  
 Kingbird, Arkansas, 7, 133  
 Kingfisher, Belted, 132  
 Kinglet, Ruby-crowned, 19, 66, 81  
 LAGOPUS lagopus, 141  
     leucurus peninsularis, 148  
 Lanius ludovicianus excubitorides, 11, 39  
 Larus californicus, 10  
     glaucescens, 60, 139  
     occidentalis, 56  
     philadelphia, 46  
 Leland, H. J., a day on the west fork of the San Gabriel, 21  
 Leucosticte, Aleutian, 142  
 Leucosticte griseonucha, 142  
 Linnet, 10  
 Loon, Common, 19  
     Pacific, 19  
     Red-throated, 19  
 Lophodytes cucullatus, 46  
 Lophortyx californicus, 19, 113, 126, 132  
     vallicolus, 10, 14, 19, 60  
     gambeli, 38  
 Lunda cirrhata, 56, 136, 137  
 MAGPIE, American, 5, 6  
     Yellow-billed, 78  
 Mailliard, J., two specimens of Nyctala from Marin County, California, 18; the parasite question again, 19; additions to the list of Paicines birds, 46; Clangula hyemalis in Marin County, Cal., 46; fall distribution of the western robin, 47; an unusual sight, 95; wren-tit building in a tree, 95  
 Mallard, 8, 46, 139  
 Martin, Western, 127, 134  
 McGregor, R. C., notes on a small collection of birds from the island of Maui, Hawaii, 59; a list of birds collected in Norton Sound, Alaska, 135  
 Meadowlark, Western, 7, 133  
 Megascops asio bendirei, 127  
     kennicotti, 132  
     flammeolus, 40  
     idahoensis, 86  
     xantusi, 147  
 Melanerpes formicivorus bairdi, 66  
     uropygialis, 39  
 Melospiza cinerea, 143  
     cleonensis, 36, 113, 134  
     morphna, 36, 134  
     phaea, 36, 131, 134  
     rufina, 36  
     lincolni, 81  
     melodia guttata, 46  
     montana, 11  
 Memoriam, in—Dr. J. G. Cooper, 101  
 Merganser, Hooded, 46  
 Merula migratoria, 144  
     propinqua, 11, 47, 114, 135  
 Micranous diamesus, 148  
 Micropallas whitneyi, 18, 45  
 Molothrus ater, 39  
 Moody, Mrs. C. A., bird studies in Strawberry Valley, Aug. 25—Oct. 25, 1902, 91  
 Munia punctata nisoris, 60  
 Murre, California, 54, 56  
 NESOTRICCUS ridgwayi, 148  
 Nettion carolinensis, 10  
 Newkirk, G., communication in regard to bird killing, 146  
 News Notes, 25, 49, 71, 123  
 Nighthawk, 132  
 Nightingale, 94  
 Nineteenth Annual Congress of the A. O. U., 24  
 Noack, H. R., vocal powers of the yellow-billed magpie, 78  
 Northern Division, Official Minutes of, 28, 52, 73, 124, 100  
 Nucifraga columbiana, 11, 87  
 Numenius hudsonicus, 140  
     longirostris, 31  
 Nutcracker, Clarke, 87  
 Nuthatch, Slender-billed, 92  
 Nyctala acadica, 18, 40  
 Nycticorax nycticorax naevius, 10, 61  
 OBERHOLSER, H. C., review of his "review of the horned larks," 97  
 Obituary—Mollie Bryan, 100; Bertha F. Her-

- rick, 53; Chester Barlow, 146
- Oceanodroma furcata*, 56  
     *leucorhoa*, 56
- Olbiorchilus hiemalis pacificus*, 114, 135
- Old-squaw, 46
- Oreortyx pictus plumiferus*, 10, 65
- Oreospiza chlorura*, 11
- Oroscoptes montanus*, 11, 128
- Osprey, American, 132
- Otocoris alpestris arenicola*, 11  
     *leucolæma*, 17  
     *merilli*, 17
- Owl, Barn, 29  
     California Pygmy, 18, 21, 127  
     California Screech, 127  
     Dusky Horned, 132  
     Elf, 18  
     Flammulated Screech, 85, 86  
     Pacific Horned, 127  
     Saw-whet, 18  
     Short-eared, 9
- Oystercatcher. Black, 57
- PANDION haliaetus carolinensis*, 132, 141
- Partridge, Gambel, 38
- Parus barlowi*, 127  
     *gambeli*, 11  
     *hudsonicus evura*, 144  
         *stoneyi*, 144  
     *rufescens*, 135
- Passer domesticus*, 60
- Passerella iliaca*, 137, 143  
     *annectens*, 45  
     *insularis*, 45  
     *meruloides*, 45  
     *unalaschensis*, 46
- Pearson, T. G., review of his "stories of bird life," 23
- Pediocætes phasianellus columbianus*, 33
- Pelican, White, 63, 93
- Pemberton, J. R., notes from about San Francisco, 46
- Perisoreus canadensis fumifrons*, 141  
     *obscurus*, 46, 114, 133
- Petrel, Leach, 56  
     Fork-tail, 56
- Petrochelidon lunifrons*, 113, 134
- Pewee, Western Wood, 133
- Phainopepla nitens*, 38
- Phalacrocorax dilophus*, 56  
     *harrisi*, 20  
     *pelagicus resplendens*, 56  
         *robustus*, 137, 139  
     *penicillatus*, 55
- Phalænoptilus nuttalli*, 10  
     *californicus*, 126
- Phalarope, Northern, 8, 10
- Phalaropus lobatus*, 10, 140
- Phœbe, Black, 38, 133  
     Say, 7, 38
- Phyllosepastes borealis*, 144
- Pica nuttalli*, 78  
     *pica hudsonica*, 11
- Picoides americanus*, 141
- Pigeon, Band-tailed, 132
- Pipilo aberti*, 16  
     *crissalis*, 126  
     *fuscus carolæ*, 23  
     *maculatus atratus*, 23  
         *falcifer*, 23  
         *megalonyx*, 11, 23  
         *oregonus*, 113, 134
- Piranga erythromelas*, 16  
     *ludoviciana*, 11, 16
- Plover, Pacific Golden, 61
- Podilymbus podiceps*, 11
- Polioptila cærulea obscura*, 39  
     *californica*, 86
- Poæcetes gramineus confinis*, 11
- Poor-will, 5, 7
- Procellaria tethys*, 99
- Progne subis hesperia*, 127, 134
- Program of the 19th annual congress of the A. O. U., 24
- Psaltiriparus minimus californicus*, 66
- Publications received, 27, 48, 76, 100, 124
- Publications reviewed, 22, 75, 96, 147
- Puffin, Horned, 138  
     Tufted, 56
- Pyrocephalus rubineus mexicanus*, 94
- QUAIL, California, 60, 132  
     Mountain, 7, 65  
     Valley, 10, 14
- RAVEN, American, 38, 58, 133
- Recurvirostra americana*, 10
- Red-head, 10
- Reddington, A. P., a domesticated white pelican, 93
- Redpoll, 45
- Red-tail, Western, 46, 132
- Regulus calendula*, 66, 81  
     *satrapa olivaceus*, 46
- Ridgway, R., the elf owl in California, 18; review of his "birds of north and middle America," 22
- Rissa tridactyla pollicaris*, 137, 139
- Robin, Western, 5, 47, 68, 135
- SALPINCTES obsoletus*, 11, 37
- Sandpiper, Least, 9, 10  
     Spotted, 17

- Saxicola cenanthe*, 144  
*Sayornis nigricans semiatra*, 38, 113, 133  
     *saya*, 11, 38  
*Scolecophagus cyanocephalus*, 11, 113, 133  
*Selasphorus alleni*, 113, 132  
 Sharp, C. S., nesting of Swainson hawk, 116  
 Shoveller, 8, 10, 61  
 Shrike, White-rumped, 39  
 Shufeldt, R. W., pterylosis of hummingbirds and swifts, 47  
*Sialia arctica*, 81  
     *mexicana occidentalis*, 39, 113, 135  
 Silloway, P. M., some experiences of 1901, 31; review of his "summer birds of Flathead Lake," 75; the Holboell grebe in Montana, 128  
 Siskin, Pine, 94, 127, 133  
*Sitta canadensis*, 46  
 Snipe, Wilson, 140  
 Snodgrass, R. E., and Heller, E., review of their "birds of Clipperton and Cocos Islands" 148  
*Somateria V-nigra*, 139  
 Southern Division, Official Minutes of, 28, 52, 73, 100, 124  
 Sparrow, Aleutian Song, 143  
     Brewer, 5, 6  
     Bryant Marsh, 133  
     Intermediate, 37, 38  
     Lincoln, 81  
     Mendocino Song, 134  
     Mountain Song, 10  
     Nuttall, 133  
     Oregon Song, 36, 134  
     Rufous-crowned, 107, 108, 110, 147  
     Rusty Song, 46, 134  
     Western Chipping, 134  
     Western Savanna, 9, 133  
     Western Vesper, 5  
     White-crowned, 5, 7, 10  
*Spatula clypeata*, 10, 61  
*Speotyto cunicularia hypogaea*, 40  
*Spinus pinus*, 94, 127, 133, 148  
     *psaltria arizonæ*, 94  
*Spizella breweri*, 11  
     *monticola ochracea*, 143  
     *socialis arizonæ*, 113, 134  
*Stelgidopteryx serripennis*, 134  
*Stercorarius longicaudus*, 138  
 Stephens, F., eastern limit of Lawrence goldfinch, 17; owl notes from Southern California, 40; a criticism of two recent records, 45  
*Sterna aleutica*, 139  
     *antillarum*, 144  
     *paradisæa*, 139  
*Strix pratincola*, 29, 40  
*Sturnella magna neglecta*, 11, 113, 133  
*Sula brewsteri*, 148  
     *cyanops*, 50  
     *nesiotes*, 50, 148  
 Swallow, Barn, 134  
     Cliff, 95, 134  
     Rough-winged, 134  
     Tree, 134  
     Violet-green, 127  
     Western Barn, 71  
 Swift, Vaux, 53, 95, 132  
     White-throated, 95  
 Swarth, H. S., winter plumage of the black-tailed gnatcatcher, 86; Arizona goldfinch in Los Angeles County, 94; stragglers in Los Angeles County, 95.  
*Surnia ulula caparoch*, 141  
*Syrnium occidentale*, 40  
 TACHYCINETA bicolor, 113, 134, 143  
     **vespertina**, 105  
     *lepida*, 127  
     *thalassina brachyptera*, 147  
 Tanager, Louisiana, 5, 7, 16  
     Scarlet, 16  
 Tattler, Wandering, 61  
 Teal, Cinnamon, 46  
     Green-winged, 8, 10  
 Tern, Arctic, 139  
     Black, 64  
     Caspian, 64  
     Forster, 64  
     Least, 144, 145  
 Thrasher, Crissal, 15  
     Leconte, 16  
     Sage, 5, 7, 127  
 Thrush, Big-tree, 7, 81  
     Monterey Hermit, 126  
     Russet-backed, 81, 135  
     Varied, 19, 53, 135  
*Totanus melanoleucus frazari*, 147  
 Towhee, Abert, 16  
     Green-tailed, 7  
     Oregon, 134  
     Spurred, 7, 68  
*Toxostoma redivivum*, 126  
*Tringa bairdi*, 17  
     *couesi*, 137, 140  
     *maculata*, 140  
     *minutilla*, 10  
     *ptilocnemis*, 140  
*Trochilus alexandri*, 39  
*Troglodytes aedon aztecus*, 11  
     *hiemalis pacificus*, 126  
*Turdus aonalaschkæ auduboni*, 17  
 Turnstone, 61, 140  
*Turtur chinensis*, 60

*Tyrannus verticalis*, 10, 113, 116, 133

*URIA californica*, 105

*troile californica*, 56, 136, 138

VERDIN, 39, 88

Vireo, Hutton, 77

Vulture, Turkey, 38, 57

WARBLER, Audubon, 5, 7, 10, 118

Black-throated Gray, 82

Calaveras, 81

Lutescent, 127, 134

Myrtle, 118

Pileolated, 53, 134

Yellow, 134

Tolmie, 5

Waxwing, Cedar, 134

Weaver-bird, 60

Wheatear, 144

Willard, J. M., notes from Oakland and Pescadero, 19; occurrence of the redpoll in California, 45

Williams, J. J., a study of bird songs, I, 12; II, 65

*Wilsonia pusilla*, 143

*pileolata*, 134

Woodcock, A. R., review of his "annotated list of the birds of Oregon," 75

Wren, Cactus, 39, 94

Canyon, 7, 128

Rock, 7, 37

Parkman, 38

Tule, 135

Western House, 5

Western Winter, 126, 135

Wren-tit, 53, 67, 95

Coast, 135

Woodpecker, Batchelder, 70

Cabanis, 5, 7

California, 66, 67, 91

Gairdner, 66, 68, 69, 70, 132

Gila, 39

Harris, 132

Pileated, 53

Southern White-headed, 89

White-headed, 80, 86, 90, 92

Willow, 68, 70

Wueste, R. C., a few notes on the nesting of

*Trochilus alexandri*, 39

*XEMA sabinei*, 10

*Xenopicus albolarvatus*, 89, 90

**gravirostris**, 89

YELLOWTHROAT, Pacific, 134

*ZAMELODIA ludoviciana*, 94

*melanocephala*, 114, 134

*Zenaidura macroura*, 10, 38, 113, 116, 132

*Zonotrichia coronata*, 136, 137, 142

*leucophrys*, 11

*gambeli*, 37, 38, 142

*nuttalli*, 114, 133